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PATENT ABSTRACTS OF JAPAN(21) Application number: **60103911**(51) Intl. Cl.: **B01D 13/01 G21F 9/06 G21F**(22) Application date: **17.05.85**

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states:(71) Applicant: **TOSHIBA CORP**(72) Inventor: **ISHISATO SHINICHI**

(74) Representative:

**(54) HOLLOW YARN
MEMBRANE DEVICE**

(57) Abstract:

PURPOSE: To prevent the bending fatigue and entanglement of a hollow yarn membrane and to prolong the life of a hollow yarn membrane module by providing a support for supporting the hollow yarn membrane module consisting of a combustible material.

CONSTITUTION: Plural hollow yarn membrane modules 8 are hung in a vessel 1 and a support 9 is attached on the outside of the module. A semicircular supporting part 10 is provided at the lower part of the support 9. The entanglement of the modules with each other is prevented by the support 9 and the whirling up of the module during backwashing is controlled by the semicircular supporting part 10. The support 9 can be burned along with the hollow yarn membrane by forming the support with the same material as that of the hollow yarn membrane and the output

of wastes can be reduced.

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